

Abstract of the Invention

A manifold for a submersible turbine pump having an air bleed mechanism for removing air from a discharge chamber of the manifold. The manifold includes the discharge chamber that receives fuel pumped from an underground storage tank (UST), the air bleed mechanism, an air return path coupled to the UST, and a bypass tube coupled to the air return path. When the air bleed mechanism is activated, the fuel discharge chamber is fluidly coupled to the bypass tube, thereby allowing air from the fuel discharge chamber to flow to the ullage of the UST. In one embodiment, the air bleed mechanism is an air bleed screw inserted into a threaded orifice in the manifold. The threaded orifice is coupled to both the bypass tube and the fuel discharge chamber. When the air bleed screw is rotated upward, the bypass tube is coupled to the fuel discharge chamber.